

ABSTRACT

In a multi-piece solid golf ball comprising a solid
5 core, an inner cover layer and an outer cover layer, the
solid core is molded from a rubber composition comprising a
base rubber composed of (a) a polybutadiene having a high
cis-1,4 content, a minimal 1,2 vinyl content and a viscosity
 η of up to 600 mPa·s at 25°C as a 5 wt% toluene solution,
10 being synthesized using a rare-earth catalyst, having a
specific Mooney viscosity in combination with (b) a diene
rubber other than component (a), (c) an unsaturated
carboxylic acid, (d) an organosulfur compound, (e) an
inorganic filler, and (f) an organic peroxide; the inner
15 cover layer has a specific Shore D hardness and the outer
cover layer has a specific Shore D hardness, and the outer
cover layer has a lower Shore D hardness than the inner cover
layer. This combination of features gives the ball a good,
soft feel upon impact and an excellent spin performance that
20 provides increased distance.